

FREQUENTLY ASKED QUESTIONS

HOW DOES AN ASW CERTIFICATE HELP ME?

Completion of the ASW Certificate program provides you with a practical skill set that can be employed immediately in your professional career.

Credit from courses completed through the ASW Certificate Program can be applied toward a masters degree in the USW program. In most cases, students qualify for one quarter of credit toward a masters degree.

WHAT ARE THE PREREQUISITES?

Students pursuing the ASW certificate need a working knowledge of single-variable calculus and probability.

Prerequisite courses may be available as distance-learning courses through the NPS Office of Continuous Learning. Prerequisite courses include:

- MA1113—Single Variable Calculus
- OS2100—Probability and Statistics

IS THERE A SERVICE COMMITMENT?

There is no service commitment associated with the ASW certificate program.

WHO IS ELIGIBLE?

Naval officers (Active Duty or Reserve), government laboratory engineers, Navy civilians (afloat and ashore staff).

CONTACT INFORMATION

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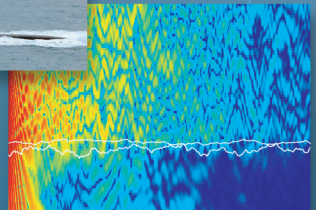


WWW.NPS.EDU/DL/NPSO

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411 Dyer Road, Knox 102
Monterey, CA 93943, USA

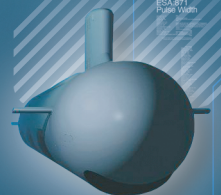
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ASW CERTIFICATE IN ANTI-SUBMARINE WARFARE



"ASW is my #1 warfighting priority."

Admiral Gary Roughead, US Navy
Commander, U.S. Pacific Fleet

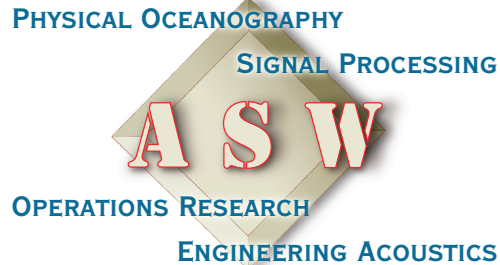


NAVAL POSTGRADUATE SCHOOL

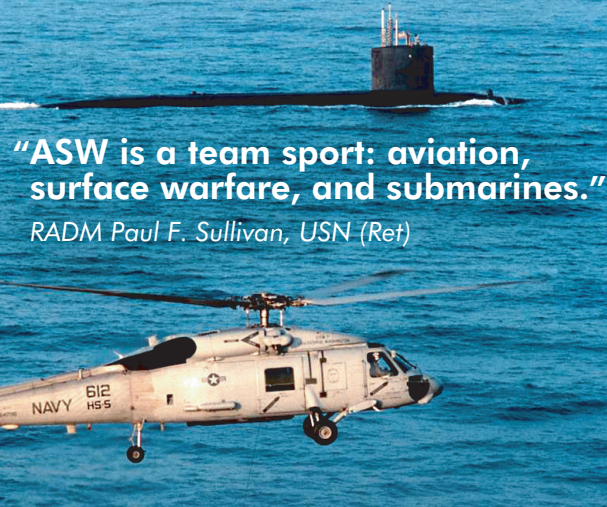
THE ASW CERTIFICATE PROGRAM

The curriculum for the Anti-Submarine Warfare (ASW) Certificate Program supports the needs of the Navy in ASW, and complements existing warfare ASW training and qualification.

The ASW Certificate Program provides a science and engineering foundation which covers fundamental concepts in four areas:



These subjects are the educational cornerstone for this highly interdisciplinary certificate program.



"ASW is a team sport: aviation, surface warfare, and submarines."

RADM Paul F. Sullivan, USN (Ret)

THE ASW CERTIFICATE CURRICULUM

Anti-Submarine Warfare encompasses multiple disciplines. The ASW Certificate is a distance learning curriculum that consists of four fully accredited courses delivered by multiple modes of instruction. Offered over a one-year period, these courses develop critical analytic skills and an understanding of the fundamental principles applied in ASW.

"ASW is a Navy-unique core competency which we must further develop to ensure our undersea supremacy."

*RADM John J. Waickwitz, USN
Commander,
Fleet Anti-Submarine
Warfare Command*

PH2401 INTRODUCTION TO SONAR EQUATIONS

A discussion of each term of the sonar equations, with application to the detection, localization, and classification of underwater targets. (No prerequisites)

OS3680 SEARCH THEORY & DETECTION

Search and detection as stochastic processes. (Prerequisite: probability)

EC2450 REVIEW OF SIGNALS AND SYSTEMS

Fundamentals of discrete-time and continuous-time signals and systems. (Prerequisites: single-variable calculus)

OC2930 INTRODUCTION TO OCEANOGRAPHY FOR UNDERSEA WARFARE

An introduction to ocean processes and phenomena with applications to Undersea Warfare. (No prerequisites)

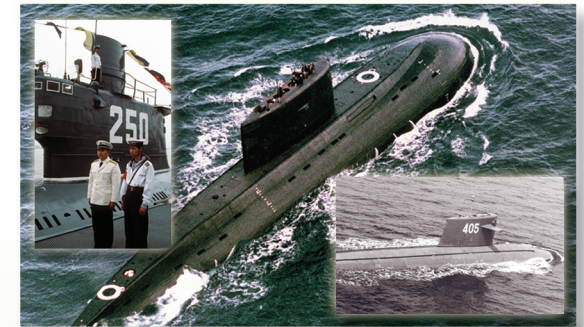
For a more in-depth description of these certificate courses please visit:
www.nps.edu/dl/NPSO/cert_progs/asw.html

THE USW CURRICULUM AT NPS

Students with an ASW Certificate are well positioned to continue their education and professional development by pursuing a masters degree through the Undersea Warfare (USW) curriculum at the Naval Postgraduate School (NPS). This highly interdisciplinary program focuses on engineering fundamentals, physical principles, operations research, and systems analysis that contribute to USW, ASW and Mine Warfare (MIW) operational employment.

Students can choose from one of five accredited disciplines:

- Operations Research
- Physical Oceanography
- Electrical Engineering
- Engineering Acoustics
- Applied Science



PROGRAM COSTS?

There are charges for each course that either the student or command is required to pay. Parent commands are required to support student efforts and tuition costs. Students will be expected to purchase relevant textbooks and incidental supplies.

For information regarding masters degrees in the NPS USW curriculum, please visit:
www.nps.navy.mil/usw